

ABSTRACT OF THE DISCLOSURE

A DC arc-suppressor for network appliance power managers comprises an electromechanical relay that controls the flow of battery power to a network appliance by remote control. The relay includes electrical contacts that open to interrupt the flow of current in response to an off-command signal. A transistor is connected in shunt across the relay contacts to temporarily divert such flow of current. A timing circuit is connected to respond to the off-command signal by first turning on the shunt transistor, then open the relay contacts, then turn off the shunt transistor. Such shunt transistor is sized to carry the full rated power of the relay contacts, but only for the few milliseconds that are needed to allow the relay contacts to fully separate.

09689157-101200